

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



22469

PATENT TRADEMARK OFFICE

Art Unit :
Examiner :
Serial No. :
Filed : Herewith
PCT No. : PCT/JP01/04043
PCT Filed : May 15, 2001
Inventors : Hideo Kijima
: Toshiki Hiruta
: Kazuhito Kenmochi
: Toshiyuki Hattori
: Maki Horiuchi
Title : COMPOSITE CEMENTED
: CARBIDE ROLL AND
: HOT ROLLING METHOD
: OF STEEL USING SAME

Docket: 1384-01

Confirmation No.:

Dated: December 31, 2001

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Prior to action on the merits of the case, kindly amend the above-identified application
as follows:

In the Specification (clean copy as amended)

Please replace the paragraph bridging pages 22 and 23 with the following:

Application of the composite cemented carbide roll of the invention as a work roll for
a hot roughing mill with an outside diameter within a range of from 500 to 1,500 mm ensures
a remarkable improvement of size and shape control property by reduction of thermal crown
as compared with the conventional steel roll.

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